

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1559	222/386.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:20
L2	3074	222/388-390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:20
L3	1430	chamber and valve and gas and measur\$6 and liquid and means and detect and remov\$3 and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:42
L4	1343	chamber and valve and gas and measur\$6 and liquid and means and detect and remov\$3 and syringe and (air or vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:42
L5	236	4 and piston	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:42
S1	527	222/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:23
S2	9	("3901653").URPN.	USPAT	OR	OFF	2005/12/06 07:26
S3	16	("2102282"   "3085717"   "3182865"   "3186808"   "3259462"   "3284164"   "3419358"   "3718438").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 07:29
S4	3	((("3,831,618") or ("4,189,943") or ("5,862,958"))).PN.	USPAT	OR	OFF	2005/12/06 07:29
S5	5	("1989030"   "3494201"   "3831618").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 07:45
S6	7	("1989030"   "3494201"   "3831618").PN. OR ("4189943").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 07:46
S7	2	("4189943").URPN.	USPAT	OR	OFF	2005/12/06 07:46

## EAST Search History

S8	6	("1460389"   "3955574"   "4167874"   "4189943"   "H001204").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 07:48
S9	3364	422/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 07:50
S10	1698	222/61-63.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:54
S11	1983	222/394.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 09:28
S12	20	("4445896"   "4596557"   "4597758"   "4624664"   "4744442"   "4813937"   "5312389"   "5397303"   "5398850"   "5398851"   "5522526"   "5553741"   "5558255"   "5571261"   "5578005"   "5588556"   "5700245"   "5766147"   "5992700"   "6786365").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 08:46
S13	9	("4445896"   "4596557"   "4597758"   "4624664"   "4744442"   "4813937"   "5312389"   "5522526"   "5992700").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 08:47
S14	132373	sensor and liquid and (air or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 08:52
S15	1739	S14 and "222"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 08:52
S16	545	S15 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 08:53

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S17	153	S16 and 222/52-67.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 08:53
S18	5	("5199607"   "5277333"   "5487346"   "5992686"   "6431096").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 09:03
S19	280	222/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 09:49
S20	1679	222/333.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:07
S21	1122	222/340.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:23
S22	3155	222/132-135.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:33
S23	1	("4189943").PN.	USPAT	OR	OFF	2005/12/06 10:33
S24	115	S10 and sensor and valve and piston	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:54
S25	3	("3994423"   "5389339"   "5654199").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 11:01
S26	373	222/36.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:28
S27	1	("6036668").PN.	USPAT	OR	OFF	2005/12/06 11:28
S28	6	("1460389"   "3955574"   "4167874"   "4189943"   "H001204").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 11:33
S29	1	("5127547").PN.	USPAT	OR	OFF	2005/12/06 11:33
S30	14	("5127547").URPN.	USPAT	OR	OFF	2005/12/06 11:35

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S31	14	("5127547").URPN.	USPAT	OR	OFF	2005/12/06 11:38
S32	11	("3227325"   "3385479"   "4150769"   "4254806"   "4369898"   "4515296"   "4566612"   "4662540"   "4830219").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 11:39
S33	2161	222/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:23
S34	1	("5741554").PN.	USPAT	OR	OFF	2005/12/06 12:56
S35	808	222/71-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 09:44
S36	1700	222/61-63.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 09:48
S37	1688	222/333.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 09:51
S38	1981	222/394.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 09:54
S39	933	222/52.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 09:58
S40	1120	222/340.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:07
S41	3167	222/132-135.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:15

## EAST Search History

S42	376	222/36.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:16
S43	2186	222/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:01
S44	3460	422/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:29
S45	290204	chamber and valve and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:01
S46	13254	chamber and valve and gas and measur\$6 and liquid and means	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:02
S47	3917	chamber and valve and gas and measur\$6 and liquid and means and detect and remov\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:41
S48	41	S47 and "222"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:04
S49	344	S47 and "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:04